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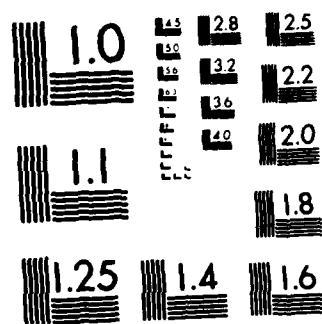
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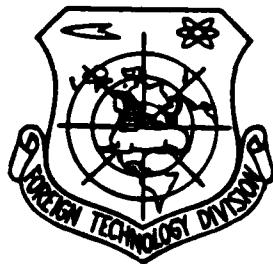


ADVANCED INSTITUTES OF AERONAUTICS OF OUR COUNTRY

by

Zhang Fenglin

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ADVANCED INSTITUTES OF AERONAUTICS OF OUR COUNTRY

Zhang Fenglin

There are seven advanced institutes of aeronautics that are affiliated with the Ministry of Aviation Industry and among which three are national key universities: Beijing Institute of Aeronautics (in Beijing City), Northwest Industrial University (in Xian City) and Nanjing Institute of Aeronautics (in Nanjing City); three are general universities: Shengyang Institute of Aviation Industry (in Shengyang City), Nanchang Institute of Aviation Industry (in Nanchang City) and Zhengzhou Institute of Aviation Industry and Management (in Zhengzhou City); along with Xian College of Aviation Industry and Technology which accepts middle school graduates to test-implement the two school systems of four-year technical secondary school and five-year college (in Xian City). **CHINA, CHINESE LANGUAGE, TRANSLATION**

Most of the advanced institutes of aeronautics were established in the early 50's, and there are now fifty or so special fields of study offered such as aircraft design, aeronautical engine, electronic engineering, aerospace engineering, automatic control, aircraft manufacturing engineering, computer science technology, electrical instrument, mathematical and theoretical mechanics, machine manufacturing, material science and engineering, nautical engineering, industrial management, information engineering, industrial foreign trade, finance and economics, architectural engineering, non-destructive testing, safety engineering, environmental protection, social science, etc. - Among which 42 special fields of study are

authorized to issue master degrees; and 23 special fields of study are authorized to issue doctorate degrees. Beijing Institute of Aeronautics, Northwest Industrial University, Nanjing Institute of Aeronautics and Nanchang Institute of Aviation Industry are qualified to cultivate graduate students for master degrees; Beijing Institute of Aeronautics, Northwest Industrial University and Nanjing Institute of Aeronautics are qualified to cultivate graduate students for doctorate degrees. In addition, Beijing Institute of Aeronautics and Northwest Industrial University have established graduate schools. The advanced institutes of aeronautics accept about 800 graduate students each year. The institutes of aeronautics have rich and solid faculty resources with a total of over 300 professors, 1,300 associate professors and 4,000 instructors. There are computer and electrical audio-visual centers at each institute as well as laboratories with more advanced teaching facilities. In addition to the specific achievements in teaching and scientific research obtained both domestically and abroad by institutes of aeronautics, intercollegiate relations with over 30 institutes in 6 countries have also been established, and students have been sent abroad for studying.

The advanced institutes of aeronautics cultivate high-level scientific technology and engineering technology talents with full development in morality, wisdom and teamwork; they are engineering universities of multiple disciplines where the emphasis is on aeronautical and aerospace courses, combining military and civilian as well as combining science, engineering, liberal arts and management, rather than a place like military institutes where flight and command personnel are cultivated for the air force. The graduates of institutes of aeronautics will primarily be assigned to scientific research, design, production departments and advanced institutes of aviation industry systems to be engaged in tasks such as scientific research, engineering technology, administrative management and teaching. As for regions of job assignments, 80% of the graduates will be assigned to major cities because most of the factories and institutes of aviation industry are located in provincial capitals of the 18 provinces and directly affiliated cities in our country. Based on work requirements, a few graduates will also be assigned to units in the national defense three-line regions where scientific and technological talents are urgently needed.

Now the 1987 admission plans for institutes of aeronautics are briefly introduced as follows in order to assist the ~~mass~~^{of} students who are signing up for the admission tests to select an institute of their wishes.

The advanced institutes of aeronautics plan to admit over 4,700 undergraduate students and over 600 students with special fields of study this year. Among which over 4,800 are under the national planning duty and over 480 are being cultivated through commission. In order to make the admission plans compatible with the job assignments for graduates, students will be admitted from all 28 provinces, directly affiliated cities and autonomous regions throughout the country except for Xizang.

Some of the students who plan to take the admission test like to know what reforms and special requirements are being implemented in the admission processes of institutes of aeronautics, thus they are also briefly explained here. In order to comply with the "Combined Military and Civilian" strategic guideline so that the graduates can better adapt to the development of aviation industry and the needs of socialist modernization construction, the course ratio of majors has been adjusted for the admission plans of institutes of aeronautics this year. The number of students admitted for military product types of majors are limited whereas the number of students admitted for general majors are increased. In order to guarantee that units in the national defense three-line regions can obtain the urgently needed graduates, institutes of aeronautics, based on regulations of the National Commission of Education, have specifically admitted 160 students this year for the aviation industry enterprising units located in provinces within the national defense three-line regions such as Shaanxi (Hanzhong region), Guizhou, Sichuan, Hunan, Hubei, etc. Beijing Institute of Aeronautics and Northwest Industrial University, with the approval of the National Commission of Education, have accepted several high school graduates recommended for admission from certain provinces and cities. Each institute has separate admission plan for each major, so students who are planning to take the admission tests **must** check the admission bulletins of their local advanced institutes and the general admission regulations of various institutes of aeronautics.

Some of the students who wish to take the admission tests and their parents worry that the political and physical qualifications of institutes of aeronautics are **stringent**, consequently they do not dare to sign up for the tests. Such concern can be dispelled. Institutes of aeronautics are ordinary advanced schools, rather than military schools. The admission standards are being fully implemented according to the admission regulations for national ordinary advanced schools formulated by the National Commission of Education without any other special requirements.

We at the institutes of aeronautics are generally inclined to admit with priority those students who wish to sign up for the admission tests of institutes of aeronautics and who love to engage in aviation enterprises or have a propensity for model airplanes with outstanding records.

Finally, we ardently welcome the mass ^{of} youth throughout the country to actively sign up for the admission tests of institutes of aeronautics in order to contribute your wisdom and talents toward the aviation enterprises and socialist modernization construction of the motherland.

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